

Amendment

Appellant: Jennifer Farrell et al.

Serial No.: 10/721,703

Filed: November 25, 2003

Docket No.: 200209668-1

Title: IMAGE FORMING DEVICE WITH PRINT MODE ACTUATOR AND METHOD

IN THE CLAIMS

Please cancel claims 1-4, 9-12, 16-20, and 24-29 without prejudice.

Please amend claims 5, 8, 13, and 21 as follows:

1-4. (Cancelled)

5. (Currently Amended) ~~The method of claim 1, further comprising:~~ A method, comprising:
receiving a document for printing in an image forming device, wherein a print mode
setting is associated with the document;
printing at least a portion of the document monochromatically or in color based upon the
print mode setting and a state of a print mode actuator in the image forming device, where the
print mode actuator includes at least an application state and a monochromatic override state;
implementing an execution of a raster image processing of the document, wherein the
raster image processing is of one of a monochromatic raster image processing or a color raster
image processing;
detecting a change in the state of the print mode actuator during the execution of the
raster image processing of the document; and
transitioning the raster image processing of the document at a transition point in response
to the change in the state of the print mode actuator.

6. (Original) The method of claim 5, wherein the transitioning is upon completion of the
monochromatic or color raster image processing of a strip of the document that was in progress
at the time of the change in the state of the print mode actuator.

7. (Original) The method of claim 5, wherein the transitioning is upon completion of the
monochromatic or color raster image processing of a page of the document that was in progress
at the time of the change in the state of the print mode actuator.

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8. (Currently Amended) ~~The method of claim 1, further comprising:~~ A method, comprising:
receiving a document for printing in an image forming device, wherein a print mode
setting is associated with the document;

printing at least a portion of the document monochromatically or in color based upon the
print mode setting and a state of a print mode actuator in the image forming device, where the
print mode actuator includes at least an application state and a monochromatic override state;

executing one of a monochromatic raster image processing or a color raster image
processing of the document;

detecting a change in the state of the print mode actuator during the execution of the one
of the monochromatic raster image processing or the color raster image processing of the
document; and

completing the monochromatic raster image processing or the color raster image
processing of the document even though a change in the state of the print mode actuator is
detected that results in an inconsistency between the state of the print mode actuator and the
raster image processing of the document that was in progress at the time of the change in the
state of the print mode actuator.

9-12. (Cancelled)

13. (Currently Amended) ~~The program embodied in the computer readable medium of claim~~
~~9, further comprising:~~ A program embodied in a computer readable medium, comprising:

code that identifies a print mode setting associated with a document received for printing
in an image forming device;

code that implements a printing of at least a portion of the document monochromatically
or in color based upon the print mode setting and a state of a print mode actuator in the image
forming device, where the print mode actuator includes at least an application state and a
monochromatic override state;

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code that implements an execution of a raster image processing of the document, wherein the raster image processing is one of a monochromatic raster image processing or a color raster image processing;

code that detects a change in the state of the print mode actuator during the execution of the raster image processing of the document; and

code that transitions the raster image processing of the document at a transition point in response to the change in the state of the print mode actuator.

14. (Original) The program embodied in the computer readable medium of claim 13, wherein the code that transitions further comprises code that implements the transition upon completion of the monochromatic or color raster image processing of a strip of the document that was in progress at the time of the change in the state of the print mode actuator.

15. (Original) The program embodied in the computer readable medium of claim 13, wherein the code that transitions further comprises code that implements the transition upon completion of the monochromatic or color raster image processing of a page of the document that was in progress at the time of the change in the state of the print mode actuator.

16-20. (Cancelled)

21. (Currently Amended) ~~The image forming device of claim 20~~ An image forming device, comprising:

a print mode actuator disposed on the image forming device having a first state and a second state, where the first state is an application state and the second state is a monochromatic override state; and

a print engine configured to implement a printing of at least a portion of a document monochromatically or in color based upon a print mode setting associated with the document and based upon a state of the print mode actuator in the image forming,

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the print engine is further configured to detect a change in the state of the print mode actuator during an execution of a raster image processing of the document, wherein the raster image processing is one of a monochromatic raster image processing or a color raster image processing,

the print engine is further configured to implement a transition of the raster image processing of the document at a transition point in response to the change in the state of the print mode actuator.

22. (Original) The image forming device of claim 21, wherein the print engine is further configured to implement the transition upon completion of the monochromatic or color raster image processing of a strip of the document that was in progress at the time of the change in the state of the print mode actuator.

23. (Original) The image forming device of claim 21, wherein the print engine is further configured to implement the transition upon completion of the monochromatic or color raster image processing of a page of the document that was in progress at the time of the change in the state of the print mode actuator.

24-29. (Cancelled)